



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/672,401	09/28/2000	Pekka Koponen	557.301US01	8265
7590	03/19/2004		EXAMINER	
Steven R. Frank Crawford PLLC 1270 Northland Drive Suite390 St.Paul, MN 55120			COULTER, KENNETH R	
			ART UNIT	PAPER NUMBER
			2141	
			DATE MAILED: 03/19/2004	

8

Please find below and/or attached an Office communication concerning this application or proceeding.

SL

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	09/672,401	KOPONEN ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	Kenneth R Coulter	2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_.  
 2a) This action is FINAL.                  2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-35 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_ is/are allowed.  
 6) Claim(s) 1-8,10,11,15-23 and 25-35 is/are rejected.  
 7) Claim(s) 9,12-14 and 24 is/are objected to.  
 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. ____ .   |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>4.6</u> . | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
|  | 6) <input type="checkbox"/> Other: ____ .                                   |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1 – 8, 10, 11, 15 – 23, and 25 – 35 are rejected under 35 U.S.C. 102(e) as being disclosed by Sherman et al. (U.S. Pat. No. 6,647,409) (Maintaining a Sliding View of Server Based Data on a Handheld Personal Computer).

- 2.1 Regarding claim 1, Sherman discloses a method for providing reference information to a user of a wireless terminal operating within a wireless network, comprising:

receiving a request identifier entered by the user at the wireless terminal to identify desired reference information corresponding to the request (col. 9, lines 44 – 53);

presenting the desired reference information to the user via the wireless terminal if the desired reference information is locally stored at the wireless terminal (Fig. 6, item 226; col. 10, lines 7 - 18);

transmitting the request identifier from the wireless terminal to a data server operating within a second network via a gateway bridging the wireless network and the second network, if the desired reference information is not locally stored at the wireless terminal (Fig. 6; col. 10, lines 7 - 43);

presenting the desired reference information obtained from the data server if the desired reference information is available on the data server (Fig. 4, item 208; col. 10, lines 7 - 43).

2.2 Per claim 2, Sherman does not explicitly teach providing navigational software delivered at least in part via a WAP service to the wireless terminal, to facilitate entry of the request identifier and transmission of the request identifier to the data server if desired reference information is not locally stored at the wireless terminal.

Sherman does disclose that the “email server may communicate with the H/PC 22 using either POP, IMAP, or **some other protocol.**” (col. 4, lines 10 – 13).

However, WAP (wireless application protocol) is a commonplace protocol for wireless devices.

Therefore, the use of WAP does not represent a patentably distinct feature over the prior art of record.

2.3 Regarding claim 3, Sherman discloses locally storing the reference information obtained from the data server at the wireless terminal (col. 10, lines 35 - 36).

2.4 Per claim 4, Sherman teaches that storing the reference information at the wireless terminal further comprises monitoring at least one predetermined storage condition indicative of whether to locally store the reference information obtained from the data server at the wireless terminal (col. 10, lines 35 - 40).

2.5 Regarding claims 5 – 8, 10, 11, 15, and 16, the rejection of claims 1 – 4 applies fully.

However, Sherman does not explicitly disclose specifics involving determining if sufficient local storage exists; determining the most frequently requested request identifiers; initiating default activities upon fulfillment of the predetermined activity condition; and the reference information being dictionary definitions or language translations.

Sherman represents a portable device with limited local storage that is connected (by wireless connection) to a network with larger storage resources.

These specifics are commonplace applications implemented in portable devices with limited local storage and slow download speed from the wireless network.

Therefore these specifics represent no patentably distinct feature over the prior art.

2.6 Per claims 17 – 23 and 25 – 35, the rejection of claims 1 – 8, 10, 11, 15, and 16 under 35 USC 102(e) (paragraphs 2.1 – 2.5 above) applies fully.

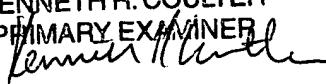
***Allowable Subject Matter***

Claims 9, 12 – 14, and 24 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth R Coulter whose telephone number is 703 305-8447. The examiner can normally be reached on 5 4 9.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 703 305-4003. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KENNETH R. COULTER  
PRIMARY EXAMINER  
  
krc